

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 99/00555

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: C 12 N 15/31, 15/09, 1/21; A 61 K 39/108 // (C 12 N 1/21, C 12 R 1:19)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: C 12 N 15/31, 15/09, 1/21; A 61 K 39/108

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, CAS, STN-registry

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0620850 B1 (CHIRON S.P.A.) 3 March 1999 (03.03.99) page 2, lines 17-25; claims 1,3,5,11,19.	1,10,12,13
A	WO 96/06627 A1 (THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND) 7 March 1996 (07.03.96) amended claims 1,4-12,14-17,19,23-25.	1-13
A	WO 98/28005 A1 (SMITHKLINE BEECHAM BIOLOGICALS S.A.) 2 July 1998 (02.07.98) claims 1,2,6,7,9.	1,13

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not
considered to be of particular relevance„E“ earlier application or patent but published on or after the international
filing date„L“ document which may throw doubts on priority claim(s) or which is
cited to establish the publication date of another citation or other
special reason (as specified)„O“ document referring to an oral disclosure, use, exhibition or other
means„P“ document published prior to the international filing date but later than
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date and not in conflict with the application but cited to understand
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when the document is taken alone„Y“ document of particular relevance; the claimed invention cannot be
considered to involve an inventive step when the document is
combined with one or more other such documents, such combination
being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

17 May 2000 (17.05.2000)

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Austrian Patent Office
Kohlmarkt 8-10; A-1014 Vienna

Facsimile No. 1/53424/535

Authorized officer

Mosser

Telephone No. 1/53424/437

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report			Publication date	Patent family member(s)	Publication date
EP	A1	620850	26-10-1994	AT E 177145	15-03-1999
EP	B1	620850	03-03-1999	AU A1 33476/93	28-07-1993
				DE C0 69228563	08-04-1999
				DE T2 69228563	29-07-1999
				EP A1 869181	07-10-1998
				ES T3 2127808	01-05-1999
				GR T3 3029556	30-06-1999
				IT A0 913513	31-12-1991
				IT A 1253009	10-07-1995
				JP T2 7506240	13-07-1995
				MX A1 9207685	31-05-1994
				SG A1 48217	17-04-1998
				WO A1 9313202	08-07-1993
WO	A1	9606627	07-03-1996	AU A1 32337/95	22-03-1996
				AU B2 709779	09-09-1999
				BR A 9508633	30-09-1997
				CA AA 2198586	07-03-1996
				CN A 1164191	05-11-1997
				CZ A3 9700562	15-10-1997
				EP A1 777490	11-06-1997
				EP A4 777490	18-11-1998
				FI A0 970799	26-02-1997
				FI A 970799	24-04-1997
				HU A2 77869	28-09-1998
				JP T2 10505059	19-05-1998
				NO A0 970993	04-03-1997
				NO A 970993	25-04-1997
				NZ A 291262	25-02-1999
				PL A1 318930	21-07-1997
				US A 6019982	01-02-2000
				ZA A 9506412	11-03-1996
WO	A1	9828005	02-07-1998	AU A1 57639/98	17-07-1998
				EP A1 948352	13-10-1999
				GB A0 9626864	12-02-1997
				ZA A 9711565	27-08-1998